




color  
the local scene  
for  
only  
\$18,500



\$18,500 is the complete price of the new IVC-120 BROADCAST COLOR CAMERA. With the IVC-120 you can color the local scene . . . local news and weather, public events, commercials, remotes. You can avoid monochrome switchbacks from network or film chain color. You can add color to educational broadcasting for little more than the cost of a good monochrome camera.

Result of a new camera technology, the revolutionary IVC-120 produces viewer color equivalent to that produced by color cameras costing three times more. IVC-120 is also easier to operate, set up and maintain than more expensive cameras.

The standard IVC-120 comes ready-to-broadcast. It includes: special IVC vidicons, 6:1 zoom lens, external color encoder, studio junction unit, camera remote controls, camera and remote control cables. A broadcast sync generator is a camera option. Film chain versions are also available.

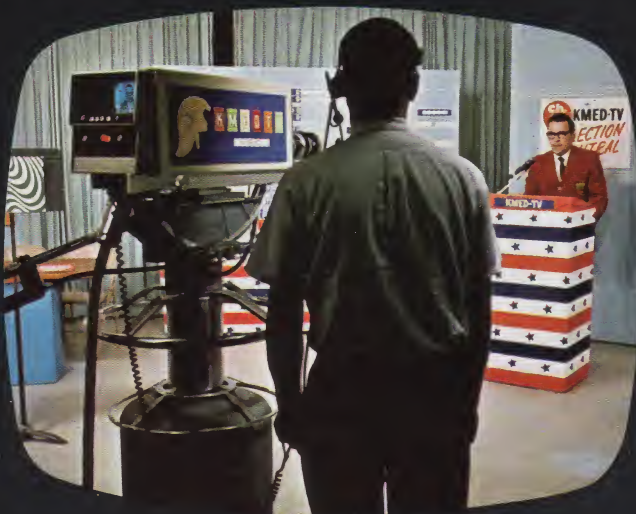
To see how the IVC-120 adds color to local programming, turn the page.



INTERNATIONAL VIDEO CORPORATION



# IVC-120 in action



Local election center at KMED-TV, in live operation with two IVC-120 cameras, adds color to the Medford (Oregon) scene.

## IVC-120 color quality



A



B



C

Off-the-monitor photos demonstrate excellent color quality and sensitivity of 3-vidicon design. Lighting levels above: (A) studio light at less than 150 ft. candles, (B) studio light at 300 ft. candles, (C) outdoor lighting at 4,000 ft. candles.

## IVC-120 performance

### Type of reproduction:

color or monochrome; 525 lines, 60 fields, 30 frames

### Encoded output signal:

fully compatible with EIA and FCC requirements; 0.7V non-composite, 1.0V composite

### Resolution (luminance signal):

35% response at 400 lines with no aperture correction; limiting resolution is 500 lines center, 400 lines in corners

### Sensitivity:

color reproduction holds to 40 ft. candles, studio quality as low as 200 ft. candles

### Geometric distortion:

less than 1% within a circle having a diameter equal to the picture height, less than 2% elsewhere

### Registration error:

less than 0.15% within a circle whose diameter is 80% of picture height

### Pickup tube complement:

three IVC-4543 separate mesh vidicons

### Taking lens:

standard single lens reflex (double frame 35mm) format; f1.9 (vidicon equivalent) Nikkor 6:1 zoom lens furnished

For a demonstration of the IVC-120, contact the IVC office nearest you — for details, ask for our new IVC-100 series brochure.



### INTERNATIONAL VIDEO CORPORATION

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